

PROGRAM DESCRIPTION

The annual geotechnical seminar provides a forum for the presentation of a wide variety of geotechnical field, design, and construction-related topics. This year we are honored to have as presenters: Dr. Steven Bartlett, Dr. Kathryn Petek, Beth Howey, Mike Batten, Dr. Jie Han, Phillip Gallet, Dr. John McCartney, Kyle Shatzer, and Dr. Aaron Gallant. Please join us for what promises to be an interesting and informative program. A certificate verifying 7.5 Professional Development Hours will be provided to registered attendees.

WHO SHOULD ATTEND

All professionals who are involved in geotechnical exploration, design, construction, or observation. This would include:

- Engineers/Geologists
- University Instructors
- Technicians/Contractors

INFORMATION

ADMISSION to the seminar is by registration. To ensure admission, complete the registration process early. To register, go to www.neasce.org/conferences and click on the GeoOmaha registration link.

REGISTRATION FEE is \$175.00 on or before February 5, 2018, \$195.00 after this date. Full time students pay \$25.00. Proceeds benefit the ASCE funded Peck/Benak Engineering Achievement Scholarship, Future City Competition, and the local ASCE Student Sections.

THE REGISTRATION FEE covers coffee breaks, lunch and handout material.

REFUNDS will be made if the conference is canceled or if the applicant cancels no later than five working days prior to the conference date.

SPONSORED BY:

AMERICAN SOCIETY OF CIVIL ENGINEERS,
NEBRASKA SECTION

IN COOPERATION WITH:

UNIVERSITY OF NEBRASKA
DEPARTMENT OF CIVIL ENGINEERING
AND THE COLLEGE OF ENGINEERING

35th ANNUAL GEOTECHNICAL SEMINAR

GEO-Omaha 2018

FEBRUARY 9, 2018
NEW LOCATION: DC CENTRE
11830 STONEGATE DRIVE
OMAHA, NEBRASKA

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GEOTECHNICAL SEMINAR
DEPARTMENT OF CIVIL ENGINEERING
UNIVERSITY OF NEBRASKA
OMAHA, NEBRASKA 68182



REGISTRATION FOR ANNUAL GEOTECHNICAL SEMINAR

GEO-Omaha 2018

DATE: FRIDAY, FEBRUARY 9, 2018

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GEOTECHNICAL SHORT COURSE

TOPIC: *Lightweight Fill Design*

DATE: Thursday, FEBRUARY 8, 2018

Location: DC Centre, Omaha, NE

**Speakers: Dr. Steven Bartlett
Mr. Nico Sutmoeller
Mr. Steven Saye**

Registration is now online: Please go to www.neasce.org/conferences and click on the Short Course registration link.

Registration fee is \$135.00 on or before February 2, 2018, \$150.00 after this date.



PRESENTS:

35th ANNUAL GEOTECHNICAL SEMINAR GEO-Omaha 2018

FEBRUARY 9, 2018

**NEW LOCATION: DC CENTRE
11830 STONEGATE DRIVE
OMAHA, NEBRASKA**

MORNING SESSION

7:30 - 8:00	Registration
8:00 - 8:30	Welcome Address Dr. Daniel Linzell, Ph.D., P.E. Dept. of Civil Engineering Chair University of Nebraska - Lincoln
8:30 - 9:30	“Long Term Settlement Performance Monitoring of I-15 Embankment in the Salt Lake Valley, Utah” Steven Bartlett, PhD, P.E., University of Utah
9:30 - 10:00	Break/Vendor Displays
10:00 - 11:00	“Bearing Resistance of Large Diameter Open-End Piles: Preliminary Analysis Results” Kathryn Petek, PhD, P.E., Shannon & Wilson, Inc.
11:00 - 12:00	“NCDOT Project B-2500: Bonner Bridge Replacement” Beth Howey, LG, P.E., and Mike Batten, P.E. - HDR Engineering, Inc.
12:00 - 1:00	Lunch/Vendor Displays (NEASCE Geotech Scholarship Award)

AFTERNOON SESSION

1:00- 1:45	“Behavior of laterally loaded piles in Mechanically-Stabilized Earth (MSE) walls” Jie Han, PhD, PE, - University of Kansas
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1:45 - 2:30	“Shoring is a Team Effort: Underpinning, Shoring and Limited Access to Support an Aging Structure” Phillip Gallet, P.E., Hayward Baker, Inc.
2:30 - 3:00	Break/Vendor Displays
3:00 - 4:00	“Design of Energy Piles considering Soil-Structure Interaction and Unsaturated Soil Effects” John S. McCartney, PhD., P.E. University of California, San Diego
4:00 - 4:45	“Column Supported Embankments: Applications and examination of installation effects and soil-column interaction on system efficacy” Kyle Shatzer, PE, Menard USA Aaron Gallant, PhD., Univ. of Maine

VENDOR DISPLAYS

A display of products, equipment and services associated with the geotechnical, drilling, and construction industries will be provided by vendors and consultants. A variety of products and information on professional services will be presented. Firms that currently plan to attend include:

- ♦ Aerix Industries
- ♦ Alfred Benesch & Company* (Break sponsor only)
- ♦ A.S.P. Enterprises*
- ♦ Atlas Foundation Company
- ♦ Berkel & Company Contractors, Inc.*
- ♦ Durham Geo/Slope Indicator
- ♦ Geoprobe Systems
- ♦ GeoStabilization International*
- ♦ Ground Improvement Engineering*
- ♦ Hayward Baker*
- ♦ Humboldt
- ♦ HDR Engineering, Inc.* (Break sponsor only)
- ♦ Kiewit Foundation Group
- ♦ LB Foster
- ♦ Nicholson Construction Company (Break sponsor only)
- ♦ Olsson Associates* (Break sponsor only)
- ♦ The Schemmer Associates, Inc.* (Break sponsor only)
- ♦ Subsurface Constructors, Inc.*
- ♦ Tensar
- ♦ Terracon* (Break sponsor only)
- ♦ Thiele Geotech, Inc.* (Break sponsor only)

* - Special Thanks to our Refreshment Break Sponsors!